

2014 State Damage Prevention Program Grants Progress Report

CFDA Number: 20.720

Award Number: AGREEMENT #DTPH5614GPPS21
Project Title: One-Call of Wyoming State Damage Prevention Grant
Date Submitted: April 30, 2015
Submitted by: Mark L Ransdell, President Board of Directors, One-Call of Wyoming

Specific Objective(s) of the Agreement

Under this grant agreement, the OCW Marshal will:

- Develop and implement methods for effective communication
- Foster support and partnership with stakeholders
- Foster and promote the use of improving technologies

Workscope

Under the terms of this grant agreement, the Recipient will address the following elements listed in the approved application as stated in 49 U.S.C. §60134 (b).

- **Element 1 (Effective Communications):** Participation by operators, excavators, and other stakeholders in the development and implementation of methods for establishing and maintaining effective communications between stakeholders from receipt of an excavation notification until successful completion of the excavation, as appropriate.
- **Element 2 (Comprehensive Stakeholder Support):** A process for fostering and ensuring the support and partnership of stakeholders, including excavators, operators, locators, designers, and local government in all phases of the program.
- **Element 8 (Technology):** A process for fostering and promoting the use, by all appropriate stakeholders, of improving technologies that may enhance communications, underground pipeline locating capability, and gathering and analyzing information about the accuracy and effectiveness of locating programs.

Accomplishments for this period (Item 1 under Article IX, Section 9.01 Progress Report: “A comparison of actual accomplishments to the objectives established for the period.”)

The objectives of this Project are to establish a central system to collect, normalize and publish transportation base map data, and facilitate the adoption of common road data objectives, framework, attributes, methodologies and standards for a roads database in Wyoming. Implementation of this project will generate communication, and publicize the damage prevention message.

On December 23, 2014 One-Call of Wyoming entered into a Research Agreement with the following agencies for the execution of this project (agreement is attached):

1. The University of Wyoming (UW), through the Wyoming Geographic Information Science Center (WyGISC) as the State Repository of GIS information;
2. Pass Word, Inc., as project management and Project Director;
3. The University of Idaho, for polling software, installation and supervision.

The OCW Phase II Project Advisory Team conducted monthly meetings to communicate requirements, make decisions and coordinate activities. Actions and events resulting from these meetings:

- Team members participated in WyGEO quarterly meetings with area GIS professionals.
- County Commissioner support request letter, drafted and mailed (sample attached).
- Press Release, February 3, 2015 (copy attached).
- Participated in Technical Advisory Group / Transportation Sub-Committee meetings (sample agenda attached).
- Damage Prevention Professional Magazine article, Spring Edition (copy attached).

Quantifiable Metrics/Measures of Effectiveness (Item 2 under Article IX, Section 9.01 Progress Report: “Where the output of the project can be quantified, a computation of the cost per unit of output.”)

Milestones of the project to date include:

- A server (GeoHub) was established at WyGISC (UW) to allow collection of data; additional progress includes:
 - A system for automated polling of county data was tested and implemented.
 - WyGISC created FTP sites on the server to enable counties to upload data.
 - As of April 2015 six (6) counties (of 23 total) have implemented automated polling of road data.
 - Post processing of data has been implemented; attribution tables have been mapped to the output application; currently counties have different formats of road data with different attribution fields (a goal for the Transportation Sub-Committee is to agree upon a framework for minimum attribution criteria).
 - WyGISC is working with Wyoming’s Department of Transportation (WyDOT) to develop a Quality Assurance (QA) program for WyDOT.

- Coordination with counties has been excellent, in part due to the support request letter to County Commissioners, and with coordination from participation in the WyGEO support group.

Issues, Problems or Challenges (Item 3 under Article IX, Section 9.01 Progress Report: “The reasons for slippage if established objectives were not met. “)

The project is on schedule, with no slippage. Some challenges have been encountered with a few counties, because some Wyoming counties are technically advanced while some counties have fewer resources. The OCW Phase II Project Advisory Team including WyGISC will commit the needed resources to assure participation from the counties requiring additional assistance to implement automated polling.

Mid-term Financial Status Report

See Financial Status Report Standard Form 425 (SF-425) which is attached. One-Call of Wyoming has received 50% of the total grant amount for the project period and has issued payments to the University of Wyoming and to Pass Word, Inc. for invoices as required in the Research Agreement.

Plans for Next Period (Remainder of Grant)

The OCW Phase II Project Advisory Team will continue to develop and implement the system for automated polling of county road data.

- Currently counties have different formats of road data with different attribution fields. A goal for the Transportation Sub-Committee is to agree upon a framework for minimum attribution criteria.
- WyGISC will develop an ongoing Quality Assurance (QA) program with and for WyDOT. Support from WyDOT is critical in supporting the data collection application beyond the termination of this grant period.
- One-Call of Wyoming will continue to communicate the improvements in available road data and the positive impacts a current road database will have on stakeholders in Wyoming’s damage prevention effort.
- Continue to utilize improving technologies to complete the goal of automated polling for all 23 counties in Wyoming, and share the complete database with shareholders on the GeoHub maintained by WyGISC.

Requests of the AOR and/or PHMSA

No actions requested at this time.